



Planning Department

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### MEMORANDUM

**To:** Planning Board **Date:** November 23, 2015

**From:** Robert Hummel, Assistant Town Planner *RH*

**Subject:** Subdivision Rules and Regulation - 9.5.3 Change

#### Overview

The Planning Department met with the Fire, Engineering, and Building Departments to discuss recent revisions to the Massachusetts Comprehensive Fire Safety Code (527 CMR 1.0) and its implications to the Town standards in zoning and subdivision control. In an attempt to balance fire safety with construction and environmental impacts, the Planning Department recommends changing the wording for Section 9.5.3 in the Subdivision Rules and Regulations for consistency with new fire code requirements.

#### Recommendation

**9.5.3** Curb radii at intersections and in turnarounds shall be sufficiently large to allow for the turning of SU-30 design vehicles (typical size of fire engines and school buses). In determining the adequacy of a radius it shall be assumed that on ~~LOCAL STREETS the entire pavement width is available for turns, whereas in COLLECTOR and ARTERIAL STREETS~~ a turn shall be possible without obstructing oncoming traffic. Generally, curb radii in residential LOCAL STREETS shall not be larger than necessary to accommodate SU-30 vehicles in order to avoid excess pavement and excess crossing distances for pedestrians. In non-residential LOCAL STREETS and in COLLECTOR or ARTERIAL STREETS, where regular large truck (WB-50 design vehicle) traffic can be expected, the BOARD may require curb radii to accommodate WB-50 vehicles. In intersections and turnarounds, curb radii may be dimensioned independently from any required sideline radii.

**Comment [rah1]:** First part not allowed per fire code

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